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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). Application Number 09/855,851 TRANSMITTAL Filing Date May 16, 2001 For FY 2005 **David F. SORRELLS** First Named Inventor **Examiner Name** Le, Lana N. Applicant claims small entity status. See 37 CFR 1.27 **Art Unit** 2685 TOTAL AMOUNT OF PAYMENT (\$) \$310.00 1744.1260001 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check X Credit Card Money Order None Other (please identify): X Deposit Account Deposit Account Number:_ 19-0036 Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C. For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. **FEE CALCULATION** 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **FILING FEES SEARCH FEES EXAMINATION FEES** Small Entity **Small Entity Small Entity** Fees Paid (\$) **Application Type** Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Fee (\$) Utility 300 500 200 150 250 100 Design 200 100 100 130 65 50 Plant 200 100 300 150 160 80 500 Reissue 300 600 150 250 300 **Provisional** 200 100 0 0 0 0 2. EXCESS CLAIM FEES **Small Entity** Fee (\$) Fee (\$) **Fee Description** 50 25 Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent 200 100 180 Multiple dependent claims **Multiple Dependent Claims Total Claims Extra Claims** Fee Paid (\$) _ - 20 or HP **90** = ____0_ Fee (\$) Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20 Indep. Claims **Extra Claims** Fee (\$) Fee Paid (\$) - 3 or HP 10 = ___0 HP = highest number of independent claims paid for, if greater than 3 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Number of each additional 50 or fraction thereof **Extra Sheets** Fee (\$) Fee Paid (\$) Total Sheets (round up to a whole number) x / 50 = - 100 = 4. OTHER FEE(S) Fees Paid (\$) Non-English Specification, \$130 fee (no small entity discount) \$310.00

SUBMITTED BY					
Signature	Par & Claudt	Registration No. (Attorney/Agent)	39,987	Telephone	(202) 371-2600
Name (Print/Type)	Patarick E. Garrett			Date 1/	105

Other: \$180 IDS Submission Fee and \$130 Terminal Disclaimer Fee (Large Entity)

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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July 1, 2005

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Art Unit 2685

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Application No. 09/855,851; Filed: May 16, 2001

Apparatus, System, And Method For Down-Converting

And Up-Converting Electromagnetic Signals

Inventors:

Sorrells et al.

Our Ref:

1744.1260001

Sir:

Transmitted herewith for appropriate action are the following documents:

- Credit Card Payment Form (PTO-2038) in the amount of \$310.00 to cover 1. the \$180.00 Information Disclosure Statement submission fee and the \$130.00 Terminal Disclaimer Fee:
- 2. Fee Transmittal Form (PTO/SB/17);
- 3. Amendment and Reply under 37 C.F.R. § 1.111;
- Courtesy copies of the First Supplemental Information Disclosure 4. Statement and Form PTO-1449, both as filed on June 24, 2003, with a copy of the postcard date-stamped by the U.S. Patent and Trademark Office;
- A courtesy copy of "page 3 of 13" from the Form PTO-1449 as filed with 5. the Second Supplemental Information Disclosure Statement on November 16, 2004, with a copy of the postcard date-stamped by the U.S. Patent and Trademark Office;
- 6. Terminal Disclaimer;
- 7. Fourth Supplemental Information Disclosure Statement;

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skqf.com

Commissioner for Patents July 1, 2005 Page 2

- 8. Form PTO-1449 listing eleven (11) documents and accompanied by one (1) document; and
- 9. One return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Patrick E. Garrett

Attorney for Applicants Registration No. 39,987

PEG/NDD/sjc Enclosures

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